

Comparisons of Job Characteristics

Focus Occupation: [Electromechanical Equipment Assemblers \(51-2023\)](#)

Associated Occupation: [Electrical and Electronic Equipment Assemblers \(51-2022\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Electromechanical Equipment Assemblers (51-2023)

Associated Occupation: Electrical and Electronic Equipment Assemblers (51-2022)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	8.4	12.0	>> Current knowledge level is likely more than sufficient
Mechanical	6.8	5.5	13.4	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 60

Focus Occupation: Electromechanical Equipment Assemblers (51-2023)

Associated Occupation: Electrical and Electronic Equipment Assemblers (51-2022)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	9.4	8.7	0 Current skill level may be sufficient
Operation and Control	5.4	8.0	5.7	<< Extensive development of skills in this area may be required
Installation	1.7	3.1	1.8	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Electromechanical Equipment Assemblers (51-2023)

Associated Occupation: Electrical and Electronic Equipment Assemblers (51-2022)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Near Vision	11.1	12.7	10.5	<	Some improvement in abilities may be required
Arm-Hand Steadiness	6.8	12.2	10.1	<	Some improvement in abilities may be required
Finger Dexterity	7.6	12.2	11.9	0	Current ability level may be sufficient
Manual Dexterity	6.5	11.9	11.2	0	Current ability level may be sufficient
Visualization	7.5	11.5	9.1	<	Some improvement in abilities may be required
Visual Color Discrimination	6.4	8.6	6.7	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 99

Focus Occupation: Electromechanical Equipment Assemblers (51-223)
Associated Occupation: Electrical and Electronic Equipment Assemblers (51-222)

Work Activities	Exclusivity of Activity
Attach or mark identification onto products or containers	54
Examine products or work to verify conformance to specifications	15
Fabricate, assemble, or disassemble manufactured products by hand	11
Make independent judgment in assembly procedures	64
Modify electrical or electronic equipment or products	74
Package goods for shipment or storage	62
Perform safety inspections in manufacturing or industrial setting	33
Precision assemble electronic, electrical, or electromechanical equipment	95
Read blueprints	10
Read manufacturing outlines for electronic products	84
Read schematics	34
Read work order, instructions, formulas, or processing charts	9
Solder electrical or electronic connections or components	55
Test manufactured products or materials	64
Use electrical or electronic test devices or equipment	40
Use hand or power tools	2
Use precision measuring tools or equipment	17
Use soldering equipment	44

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Electromechanical Equipment Assemblers (51-2023)

Associated Occupation: Electrical and Electronic Equipment Assemblers (51-2022)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.